Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

10/620,213

PARK, EDWARD HOSUNG

Examiner

Art Unit

1711

| / | Rejected | _ | (Through numeral)<br>Cancelled | · | N | Non-Elected  |  | А | Appeal   |
|---|----------|---|--------------------------------|---|---|--------------|--|---|----------|
| = | Allowed  | + | Restricted                     |   | _ | Interference |  | 0 | Objected |

Nathan M. Nutter

|  |          |                   |              |  |                 |          |          |                 |  |          | Terrera   |              |          |         |                     |          |           |          |           |          |         | Normania<br>Normania |              |            |                 |                    | <del>}</del> _ |  |  |          |           |          |               |
|--|----------|-------------------|--------------|--|-----------------|----------|----------|-----------------|--|----------|---|--------------|----------|---------|---------------------|----------|-----------|----------|-----------|----------|---------|----------------------|--------------|------------|-----------------|--------------------|----------------|--|--|----------|-----------|----------|---------------|
| Cla  | aim      | 7                 | 4            | _  |                 | ate      | ·        |                 | _  |          |   | Cla          | im       | _       |                     | 7        |           | ate      |           |          |         |                      | Cl           | aim        | L.,             |                    | 3              | . [  | Date   | }        |           |          | _             |
| Final  | Original | 1050              | 3-05 M       |  |                 |          |          |                 |  |          |   | Final        | Original | msa-1   |                     | 10-05 M  |           |          |           |          |         |                      | Final        | Original   |                 |                    | 10-05          |  |  |          |           |          | !<br><b>İ</b> |
|  | 1        | +                 | <b>V</b>     |  |                 |          |          |                 |  |          |   |              | 51       | +       | $\Box$              | 7        |           |          | $\exists$ |          |         |                      | 6            | 101        |                 |                    | =              |  |  |          |           | $\Box$   |               |
|  | 2        | T                 | П            |  |                 |          | コ        |                 |  |          |   |              | 52       | Т       | П                   |          | ヿ         | ヿ        | 丁         |          | 7       |                      | 7            | 102        |                 | $\neg$             | T              | Г  |  |          | コ         | コ        |               |
|  | 3        | П                 |              |  |                 |          |          |                 |  |          | ]   |              | 53       | Н       |                     |          |           |          |           |          |         |                      | 8            | 103        |                 |                    | Ι              |  |  |          |           |          |               |
|  | 4        | П                 | П            |  |                 |          |          |                 |  |          |   |              | 54       | Н       |                     |          |           |          |           |          |         |                      | 9            | 104        |                 |                    |                |  |  |          |           |          |               |
|  | 5        | Ш                 | Ш            |  |                 |          |          |                 |  |          |   |              | 55       | $\perp$ |                     |          | $\perp$   |          | _1        | $\perp$  |         |                      | 10           | 105        |                 |                    | ┙              |  |  | Ш        | $\sqcup$  | ┙        | _             |
|  | 6        | Ш                 | Ц            |  |                 |          |          |                 |  |          |   |              | 56       | Ш       |                     |          | $\Box$    | $\perp$  | $\perp$   | $\perp$  |         |                      | 11           | 106        | Ш               | $\perp$            | 1              | L  |  |          |           |          |               |
|  | 7        | Ц                 | Ц            |  | Ш               |          | _        |                 | _  | L        | ]   | L            | 57       | Ш       | Ш                   | _        | _         | _        | _         |          | $\perp$ |                      | 12           | 107        | Щ               | _                  | 1              | _  |  |          | _         | _        |               |
|  | 8        | Ц                 | Ц            |  | Ш               |          | _        |                 | _  |          | <b>.</b>  |              | 58_      | Ц       |                     | _        | _         | _        | 4         | $\bot$   | 丄       | ]                    | 13           | 108        | Щ               |                    | 4              |  | Щ  |          | _         | _        | <u> </u>      |
|  | 9        | Ц                 | Ц            |  | Ц               | $\Box$   | _        |                 | L  | L        |   |              | 59       | Ц       | Ш                   | _        | _         | _        | 4         | $\perp$  | -       |                      | 14           | 109        | Ш               | _                  | 4              |  | Ш  |          | _         | -        | —             |
|  | 10       | Ц                 | 1            |  | Ш               | $\Box$   | _        |                 | _  | <u> </u> |   | ļ            | 60       | Н       | Ц                   | _        | _         |          | $\dashv$  | 4-       |         | 1                    | 15           | 110        | Н               | _                  | 4              |  |  |          | -         | -        | _             |
|  | 11       | Н                 | 1            |  | Ы               | _        | _        |                 | <u> </u>   | ⊢        |   | _            | 61       | Н       | $\dashv$            |          | -1        | 4        | $\dashv$  | -        |         |                      | 16           | 111        | $\vdash$        |                    | +              | _  | H  | -        | -         |          |               |
|  | 12       | ${f H}$           | ⊢            | <u> </u>   | $\vdash \vdash$ |          | -1       | $\vdash \vdash$ | <u> </u>   | ⊢        | Į   | <u> </u>     | 62       | Н       | $\vdash \downarrow$ |          |           |          | $\dashv$  | +        | +       |                      | 17           | 112        | $\vdash$        |                    | +              | -  | $\vdash$   |          | -         | $\dashv$ | _             |
|  | 13       | Н                 | _            | -  | Н               |          | $\dashv$ |                 | -  | Ь.       | ┨   |              | 63       | Н       | H                   | 4        | -         | $\dashv$ | -+        | -        | +       |                      | 18           | 113        | ┝╌┤             | $\dashv$           | +              | ├  | ┝  | Н        | $\dashv$  | $\dashv$ | _             |
|  | 14<br>15 | ${\mathbb H}$     | <del> </del> |  | Н               | $\dashv$ | $\dashv$ | Н               | ├  | -        | ł   | <u> </u>     | 64<br>65 | ₩       | $\vdash$            |          | -         | $\dashv$ | $\dashv$  | +        | +       |                      | 19<br>20     | 114<br>115 | $\vdash \vdash$ | $\dashv$           | +              | ├-   | -  | $\vdash$ | $\dashv$  | $\dashv$ | _             |
|  | 16       | H                 | ╌            |  | Н               | $\dashv$ | $\dashv$ | Н               |  | ╀        | ┨Ѿ  | $\vdash$     | 66       | Н       | $\vdash$            | -        | ┥         |          | $\dashv$  | +        | +       |                      | 21           | 116        | Н               | $\dashv$           | +              | $\vdash$   | -  | Н        | $\dashv$  | $\dashv$ | $\overline{}$ |
|  | 17       | H                 | $\vdash$     | -  | $\vdash$        | $\vdash$ |          | -               | $\vdash$   | $\vdash$ | ┨   | <del> </del> | 67       | H       | $\vdash$            | $\dashv$ | $\dashv$  | -+       | $\dashv$  | +        | +       | 1                    | 22           | 117        | ┝╌┤             | $\overline{\cdot}$ | +              | <del>                                     </del> | -  | $\vdash$ | $\dashv$  | $\dashv$ | $\overline{}$ |
|  | 18       | ╁┼                | ⊢            | $\vdash$   |                 | -        | $\dashv$ | ÷               | ┢  | ╁╌       | ┨   |              | 68       | ╁       | H                   | $\dashv$ | ┪         | $\dashv$ | 十         | +        | ┰       | ł                    | 23           | 118        | Н               | $\dashv$           | +              | ┢╌   |  | Н        | $\dashv$  | $\dashv$ | $\overline{}$ |
|  | 19       | H                 | ┢            | $\vdash$   | $\vdash$        | $\dashv$ |          | _               | ┢  | ┢        | ┨∭  |              | 69       | H       | $\vdash$            | 一        | $\dashv$  | $\dashv$ | ┪         |          | +       | ┧∭                   | 24           | 119        | Н               | $\dashv$           | +              | $\vdash$   |  | -        | -         | $\dashv$ | _             |
|  | 20       | Н                 | ╁            | ┢  |                 | $\dashv$ | $\vdash$ |                 | ┢  | ┢        | ┨∭  | <u> </u>     | 70       | H       | $\vdash$            | $\dashv$ | ᅥ         | 一        | ┪         | 十        | +       | ł                    | 25           | 120        | Н               | $\dashv$           | +              | H  | H  | Н        | $\dashv$  | $\dashv$ | Г             |
|  | 21       | H                 | ┢            | $\vdash$   | -               | -        | $\dashv$ | -               | H  | ┢        | ┨▒  | <del></del>  | 71       | Н       | Н                   | ┪        | _         | _        | +         | 十        | +       | ₩                    | 26           | 121        | Н               |                    | 7              | T  | _  | Н        | 一         | $\dashv$ | Г             |
|  | 22       | H                 | -            | $\vdash$   | Н               |          |          |                 |  | t        | 1   |              | 72       | H       | H                   | $\dashv$ | _         | 一        | $\dashv$  | 十        |         | 1                    | 27           | 122        |                 |                    | ┪              |  |  |          |           | $\neg$   |               |
|  | 23       | Ħ                 | 一            | T  | П               |          |          |                 |  |          | 1   | $\vdash$     | 73       | П       | $\Box$              |          | $\exists$ | 寸        | 7         | $\top$   |         | 1                    | 28           | 123        |                 |                    | T              | ऻ  | Г  | П        |           | $\neg$   | Γ             |
|  | 24       | Ħ                 | t            | T  | П               |          |          |                 |  | 1        | 1   |              | 74       | Ħ       | H                   | $\neg$   | $\neg$    | 寸        | 1         | T        |         | 1                    | 29           | 124        |                 |                    | 7              |  |  |          |           |          | Г             |
|  | 25       | П                 | T            | П  | П               |          |          |                 | Г  | Т        | 1   |              | 75       | П       | П                   |          | $\neg$    | 一        | 丁         | $\top$   | T       |                      | 30           | 125        |                 |                    | T              | Π  |  |          |           | $\Box$   |               |
|  | 26       | Ħ                 | 厂            | Г  | П               |          |          |                 |  |          | 188   |              | 76       | П       | П                   | 丁        |           | 丁        |           |          |         | 1                    | 31           | 126        |                 |                    |                |  |  |          |           |          |               |
|  | 27       | П                 |              |  |                 |          |          |                 |  |          |   |              | 77       | $\Box$  |                     |          |           |          |           |          |         | ]                    | 32           | 127        |                 |                    | $\Box$         |  |  |          |           |          |               |
|  | 28       | П                 |              |  |                 |          |          |                 |  |          |   |              | 78       | $\Box$  |                     |          |           |          |           |          |         | ]                    | 33           | 128        |                 |                    |                |  |  |          |           |          |               |
|  | 29       | П                 |              |  |                 |          |          |                 |  |          |   |              | 79       | П       | Ц                   |          |           |          |           |          | ┸       |                      | 34           | 129        |                 |                    | =              | <u> </u>   | L  | Ш        | Ш         |          | L             |
|  | 30       | Ш                 |              | 匚  | Ш               |          |          |                 | L  | _        | _   |              | 80       | Ц       | Ш                   | _        |           | _        | _         | _        |         | <b>.</b>             | L            | 130        | Ц               | Ц                  |                | L  | L  |          | Ц         |          | _             |
|  | 31       | Ц                 | <u> </u>     |  | Ш               |          |          |                 | _  | <u> </u> | J.  |              | 81       | Ц       | Ц                   | _        | _         | _        | _         | 4        |         | .∭                   |              | 131        | Ш               | Ц                  |                | <u> </u>   | _  |          |           |          | _             |
|  | 32       | Ц                 | L            | <u> </u>   | Ш               |          |          |                 | _  | ┡        | -   | Ļ            | 82       | Н       | $\sqcup$            | _        | _         | 4        |           | 4        | +       |                      | <u> </u>     | 132        | Ы               | Н                  |                | <b>├</b>   | _  | <u> </u> |           |          | -             |
|  | 33       | H                 | ├-           | <b>!</b>   | Ш               | Ш        |          | <u> </u>        | ₩.   |          | -   |              | 83       | Н       | Н                   | -1       | $\dashv$  | _        | -         | +        | +-      | ┨∭                   | <u> </u>     | 133        | $\vdash$        | Н                  |                | +  | <del> </del>                                     | H        | $\square$ | _        | -             |
| <u> </u>   | 34       | H                 |              | -  | $\vdash\vdash$  | Н        | Н        | $\vdash$        | <u> </u>   | $\vdash$ | - ∭   | <u> </u>     | 84       | Н       | $\vdash \vdash$     | $\dashv$ | $\dashv$  | $\dashv$ | -         | +        | +-      | ┨                    | <u> </u>     | 134<br>135 | $\vdash$        | Н                  | _              | ├  | $\vdash$   | $\vdash$ | $\vdash$  | $\dashv$ | $\vdash$      |
|  | 35       | Н                 | ┞-           | ├-   | $\blacksquare$  |          | Н        |                 | -  | ┢╌       | -   | —            | 85       | Н       | $\vdash$            |          |           | -        | +         | +        |         | ┨∭                   | <b>.</b>     | 136        | H               | Н                  |                | ╁  | ⊢  | _        | $\dashv$  |          | H             |
| -  | 36<br>37 | H                 | $\vdash$     | -  | $\vdash$        | Н        |          |                 | $\vdash$   | ⊢        | -{∭   | <u> </u>     | 86<br>87 | H       | Н                   |          |           |          | $\dashv$  | +        | +       | ┨∭                   | ├─           | 137        | $\vdash$        | $\vdash\vdash$     | _              | ╂─   | ╁─   | $\vdash$ | $\vdash$  |          | H             |
|  |          | H                 | ╌            | $\vdash$   | $\vdash$        | Н        | $\vdash$ | <del> </del>    | -  | $\vdash$ | -   |              | 88       | Н       | ⊢┤                  | $\dashv$ |           |          | $\dashv$  | +        | +       | ┨▓                   |              | 138        | $\vdash$        | $\vdash$           | _              | ╁  | ╌  | $\vdash$ | $\vdash$  | $\dashv$ | $\vdash$      |
|  | 38<br>39 | ╁                 | ⊢            | $\vdash$   | $\vdash$        | $\vdash$ | Н        | _               | ┢  | $\vdash$ | -   |              | 89       | H       | Н                   |          | -         | $\dashv$ | +         | +        | +       | {∭                   | <del> </del> | 139        | Н               | -                  | _              | ✝  | $\vdash$   | -        | $\dashv$  |          | $\vdash$      |
| —  | 40       | ╁                 | ⊢            | $\vdash$   | $\vdash$        | Н        | $\vdash$ | -               | ╁─   | $\vdash$ | -   |              | 90       | Н       | Н                   | $\dashv$ | $\dashv$  | $\dashv$ | -         | ┰        | +       | ┧∭                   | -            | 140        | $\vdash$        | $\vdash$           |                | ┢  | <del>                                     </del> |          | $\vdash$  | $\neg$   | $\vdash$      |
|  | 41       | ℍ                 | ╁            | <del> </del>                                     | $\vdash$        | $\vdash$ | $\vdash$ | $\vdash$        | ╁  | ╁        |   | $\vdash$     | 91       | Н       | $\vdash$            | $\dashv$ | -         | $\dashv$ | $\dashv$  | $\dashv$ | +       | 1                    | $\vdash$     | 141        | H               | Н                  | -              | 1-   | <del> </del>                                     |          | $\vdash$  | $\neg$   | H             |
| <del> </del>                                     | 42       | ╁                 | t            | -  | Н               | $\vdash$ | $\vdash$ | <u> </u>        | $t^{-}$  | t        | Till the state of |              | 92       | H       | $\vdash$            | $\dashv$ |           | $\dashv$ | $\dashv$  | +        | +       | 1                    | <b></b>      | 142        | Н               | $\vdash$           | _              | $t^-$  | <del>                                     </del> | T        | $\vdash$  | $\neg$   | Т             |
|  | 43       | $\dagger \dagger$ | H            | <del>                                     </del> | H               | Н        | $\vdash$ | Ι               | <del>                                     </del> | t        | 1   |              | 93       | -       | $\vdash$            | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$  | 十        | $\top$  | 1                    |              | 143        | П               | $\vdash$           |                | T  | T  |          | $\neg$    | $\neg$   | Г             |
|  | 44       | ╁                 | t            | $\vdash$   | H               | Н        |          |                 | <del>                                     </del> | t        | 1   |              | 94       | H       | Н                   | _        | $\dashv$  |          | 寸         | 十        | $\top$  | 13                   |              | 144        | П               | $\Box$             |                | T  | T  | Г        | $\neg$    |          | Г             |
| <del>                                     </del> | 45       | Ħ                 | t            | <del>                                     </del> | Н               | П        | Н        | $\vdash$        | Ι-   | T        | 1   |              | 95       | ÷       | Ħ                   | $\neg$   | $\dashv$  | $\neg$   | 寸         | $\dashv$ | $\top$  | 1                    |              | 145        | П               |                    |                | 1  | <u> </u>   |          |           | $\neg$   | Г             |
|  | 46       | Ħ                 | 1            | Г  |                 |          | П        | Г               | 1  | T        | 1   | 1            | 96       | T       | Ħ                   | =        |           |          | T         | _        | $\top$  | 13                   |              | 146        | П               |                    |                |  |  |          |           |          | Г             |
|  | 47       | П                 | Τ            | Τ  |                 |          | П        | Γ               | Г  | T        | 13  | 2            | 97       |         |                     | T        |           |          |           |          |         | ]                    |              | 147        |                 |                    |                |  |  |          |           |          | Г             |
|  | 48       | П                 | 1            | Γ  | Г               |          |          |                 |  | Π        | ]   | 3            | 98       |         |                     | П        |           |          | 丁         | $\Box$   |         | ]∭                   |              | 148        |                 |                    |                |  |  |          |           |          | C             |
|  | 49       | Li                |              | Γ  |                 |          |          |                 |  | Γ        | ]   | 4            | 99       |         | П                   | 1        |           |          | J         |          | Ι       | ]                    |              | 149        |                 |                    |                |  |  |          |           |          |               |
|  | 50       | +                 | Г            |  |                 |          |          | Γ               | Γ  | Γ        | 1   | 5            | 100      |         | П                   | =        |           |          | T         | T        | T       |                      |              | 150        |                 |                    |                |  | _  |          |           |          |               |